

5 What is claimed is:

- Sub 17
cont
- 10 1. A method for providing a User interface for use in a video decoder for processing a video program including encoded digital packetized data representative of a sequence of individual images, comprising the steps of:
- generating a menu from stored data representative of a pre-formed menu containing a menu icon permitting User selection of data format conversion of said encoded digital packetized data from a read-only data format to a different recordable data format;
- generating navigation parameters compatible with said recordable data
- 15 format in response to User selection of said menu icon; and
- incorporating said navigation parameters in output data.
- 20 2. A User interface system for processing a video program including encoded digital packetized data representative of a sequence of individual images, comprising:
- a menu generator for generating a menu from stored data representative of a pre-formed menu containing an inactive menu icon;
- a processor for activating said inactive menu icon by associating an active command with said inactive menu icon in response to a signal indicating
- 25 addition of a video program related feature; and
- a navigation processor linking said activated menu icon with said active command enabling User operation of said program related feature in response to User selection of said activated menu icon.
- 30 3. A User interface system according to claim 2 wherein said pre-formed menu includes a plurality of inactive menu icons representing a selected set of predetermined video program related features for addition, and said activating processors selects one of said inactive menu icons in response to a signal indicating addition of a video program related feature.
- 35 4. A User interface system according to claim 2 wherein said pre-formed menu contains a menu icon permitting User selection of data format conversion of said encoded digital packetized data from a first data format to a different second data format.
- 40 5. A User interface system according to claim 4 wherein

10

15

20

25

30

35

9. A User interface system according to claim 2 wherein

10. A User interface system according to claim 2 wherein

11. A User interface system according to claim 2 wherein

35 said processor activates said inactive menu icon by substituting said active command for an inactive command associated with said inactive menu icon.

5

10

15

20

25

30

35

10 icons representing a selected set of predetermined video program related features for
addition; and

15 selecting a video program processing feature for incorporation in said video decoder and

17. A User interface system according to claim 16 wherein
20 said inactive menu icons are invisible and are rendered visible by said
menu generator in response to said User generated data.

18. A system according to claim 16, wherein
said stored data representative of a pre-formed menu is constrained to a
25 predetermined set of parameters including at least one of, (a) a defined start address of
said representative data, (b) a defined end address of said representative data, (c) a
defined size of said representative data, (d) a fixed menu language, and (e) defined
menu icon text labels.

30 19. A method for generating a graphical User interface for use in a video decoder for processing a video program including encoded digital packetized data representative of a sequence of individual images, comprising the steps of:

generating a menu from stored data representative of a pre-formed menu containing an inactive menu icon;

35 activating said inactive menu icon by associating an active command
with said inactive menu icon in response to a signal indicating addition of a video
program related feature; and

linking said activated menu icon with said active command enabling
User operation of said program related feature in response to User selection of said
40 activated menu icon.

[illegible]

all
conced

10

ADD91